



AGENDA DOCUMENTATION

OLD BUSINESS: III.2

PAGOSA SPRINGS SANITATION BOARD OF DIRECTORS
JUNE 3, 2014

FROM: GENE TAUTGES, SANITATION SUPERVISOR

PROJECT: TOWN/PAWSD PIPELINE UPDATE
ACTION: DISCUSSION AND POSSIBLE ACTION

Phase 1 Sewer Forcemain Realignment Change Order

Due to the challenges regarding the acquisition of an easement essentially from Trujillo Road easterly down to the PSSGID lagoon property, it is required that a redesign of the pipeline alignment be completed.

The engineer of record on the project, Bartlett & West has been verbally requested by the PSSGID to modify and change the previously prepared, submitted and accepted force main alignment in one place for Force Main 1 which is being called the Quintana realignment.

The alignment change is to reroute the force main from its current alignment along the south property line of the Martinez, Lynn Family Trust and Graham properties, south approximately 40 feet onto the Quintana property directly south of these properties. This Quintana realignment will require approximately 1,800 feet of redesign from Station 18+00 to 36+00 which will modify two plan and profile drawings. Both the plan view and profile in this area will need to be modified to reflect the requested alignment change along with all the stationing between the affected existing stationing, coordinates for all the force main appurtenances (fittings, low point drains, air release valves, etc.) as well as all the call out notes.

The cost to prepare the revised drawings for this area is \$18,957.00. It is unknown at this time what the construction change order cost might be to effect this realignment.

It is the staff recommendation for the Board to approve by motion:

Approve the Phase 1 Sewer Forcemain Realignment Change Order to the Engineering firm of Bartlett & West in the amount of \$18,957.00



AGENDA DOCUMENTATION

OLD BUSINESS: III.3

PAGOSA SPRINGS SANITATION BOARD OF DIRECTORS
JUNE 3, 2014

FROM: GENE TAUTGES, SANITATION SUPERVISOR

PROJECT: TOWN/PAWSD PIPELINE UPDATE
ACTION: DISCUSSION AND POSSIBLE ACTION

Phase 2 Sewer Forcemain Realignment Change Order

In 2013 The PSSGID brought it to the attention of PAWSD that the 1998 easement which they were relying on for the sewer pipeline project was in fact only for water lines. In response, the PAWSD contacted the Colorado Timber Ridge (CTR) Board who then granted a sewer forcemain easement.

In mid-April, 2014, in response to an assertion by the PSSGID's attorney questioning the validity of the 2013 Easement, the PAWSD General Council reviewed the Easement and found no deficiencies, which later turned out to be incorrect. On April 23, 2014, the new President of the CTR Board contacted PAWSD with a concern that the 2013 Easement was only for CTR owned property and suggested that the original 1998 Easement was executed prior to any lots being sold. Now that most of the lots have transferred ownership, they felt PAWSD needed to reach out to each of the owners and obtain a sewer forcemain easement from them.

It was determined that 12 properties were affected in 2 separate areas. PAWSD contacted 11 of these property owners and 10 of them granted the easements, 1 of them was very reluctant, and PAWSD was unable to contact 1 as no one knew his whereabouts. The 10 that were willing to grant the easement were all concerned with reinstatement efforts of their property and were adamant that no mature trees were to be removed.

During layout of the first section, it was revealed that the raw water line and the underground electrical lines were very close to where they were originally thought to be, but off just enough that it became apparent several stands of mature trees would either be in jeopardy or need removal. In order to avoid removal or damage of 50 to 60 mature trees, the alignment could be shifted 30' to 40' to the north, to CTR property, where no trees would need to be removed. The second section involves the area where an owner was disinclined to grant the sewer forcemain easement and the retired Dentist. Again by shifting the alignment 30' to 40' to the north, these properties could be avoided and CTR property could be utilized.

By making these proposed alignment changes, PAWSD ended up only needing 9 easements, as in the first section the realignment will completely avoid 1 property. At this time, PAWSD has delivered all 9 easements to the property owners. 6 originals have been returned and recorded, 3 originals are expected to be received the week of 5/26/14 or 6/1/14.

The estimated amount of this proposed change order amounts to \$ 31,341.00 in redesign efforts involving Professional Land Surveyors, Professional Engineers and CAD Drafting technicians. The deliverables will be revised plan sheets which contain horizontal and vertical alignments necessary in order for the Contractor to install the lines. Since PAWSD has put a cap on the amount of funding they are able to provide for phase 2, this amount will undoubtedly come from PSSGID's other funding sources. Also, it is unknown at this time what the possible construction change order will amount to for the contractor to effect these design changes.

In the interest of keeping the project moving forward, it is the reluctant recommendation of staff to the board of directors to approve by motion:

Approve the Phase 2 Sewer Forcemain Realignment Change Order to the Engineering firm of Bartlett & West in the amount of \$ 31,341.00